



Department of Energy

Washington, DC 20585

February 5, 2007

MEMORANDUM

TO: David R. Hill
General Counsel

FROM: *for* Jeffrey D. Jarrett *Thomas D. Shope*
Assistant Secretary, Office of Fossil Energy

SUBJECT: 2007 Annual NEPA Planning Summary

Attached is the 2007 Annual National Environmental Policy Act (NEPA) Planning Summary for the Office of Fossil Energy. This document includes NEPA planning information for the Strategic Petroleum Reserve (SPR), National Energy Technology Laboratory (NETL), and Naval Petroleum Reserve No. 3 / Rocky Mountain Oilfield Testing Center (NPR-3 / RMOTC). If you have any questions regarding this matter, please feel free to contact Mark Matarrese, FE-HQ NEPA Compliance Officer, at (202) 586-0491.

Attachment

cc:

M. Matarrese, FE-7
C. Borgstrom, GC-20
L. Jesse, GC-20
J. Tibbs, GC-90



Printed with soy ink on recycled paper

**Site-Wide NEPA Review
Strategic Petroleum Reserve
26-Jan-2007**

The Strategic Petroleum Reserve (SPR) evaluated the value of performing a site-wide National Environmental Policy Act (NEPA) review (i.e., preparing an environmental impact statement or environmental assessment) for its six sites; New Orleans, Bayou Choctaw and West Hackberry in Louisiana, Bryan Mound and Big Hill in Texas and the Stennis Warehouse in Mississippi. Based on this evaluation using the criteria identified below, the SPR determined that site-wide NEPA analysis for any or all of the SPR sites would not facilitate future NEPA planning or NEPA compliance requirements.

Background

The Federal activities at the SPR sites consist primarily of underground crude oil storage and associated maintenance and support activities including procurement, project management, analysis, and contract monitoring of repair and replacement projects. All SPR proposed projects are subjected to NEPA review and evaluation prior to final decision and implementation. With only minor exceptions resulting from construction activities, the on-site projects and activities implemented by the SPR typically qualify and are appropriate for categorical exclusion under DOE's NEPA Implementing Procedures.

The SPR's on-going, on-site operation and maintenance activities consist of small projects that vary in type annually but that generally do not vary substantially in size or scale. New projects implemented on an annual basis at the SPR historically fall into categories of actions that the Department has determined to be encompassed within classes that do not individually or cumulatively have a significant impact on the environment. For the foreseeable future, this situation is expected to continue to exist as verified by a review of the 3-year maintenance and construction schedule, which verified that there are no projects requiring major NEPA documentation, and as such, the use of a new or supplemental Site-Wide Programmatic EIS is not indicated. Also, no changes in site character are envisioned in the foreseeable future, unless SPR expansion is approved, which is already covered by an existing EIS.

As part of the SPR's Environmental Management System (EMS), which is independently certified under ISO 14001:2004, activities at all sites are scored with respect to environmental aspects and potential impacts. These aspects are used to set environmental performance objectives for the site, which are tracked through individual environmental performance targets and objectives. The SPR's EMS is audited periodically to ensure on-going conformance with stated objectives and with the ISO standard.

In addition to internal and external audits conducted pursuant to ISO 14001, the combination of all activities at the SPR sites is periodically examined as part of a five year supplement analysis to verify that collective changes have not exceeded the scope of the existing SPR NEPA documentation. From these evaluations, the collective environmental consequences from activities at all sites have been determined to be within the scope of the current NEPA analysis. The SPR will conduct its required Supplement Analysis again as scheduled in 2009.

Efficiency

The SPR conducts about 30 maintenance construction projects per year which are evaluated for NEPA impacts as part of the integrated design review process. These and any new activities performed on-site can efficiently be evaluated individually and collectively in the absence of a site-wide review.

Tiering

A site-wide NEPA document would not preclude the need for annual EMS reviews of the scopes and natures of site projects. Due to the integrated SPR review systems, additional supplemental reviews of activities comprising actions that typically qualify for categorical exclusion would not result in less complex individual project analysis for the SPR.

Segmentation and Cumulative Effects

Maintenance and operational projects at the SPR typically consist of distinct repair and replacement activities of a nature determined by the Department to be categorically excluded from environmental assessment or environmental impact statement levels of review. These activities are evaluated as part of the Supplement Analysis to ensure that they are stand-alone activities and not segments of larger activities that would trigger a more extensive level of review. In addition, no local off-site environmental stresses or developments of a significant nature have resulted from the SPRs repair activities.

Land Use Planning

With the exception of the proposed SPR expansion, which is covered by a recent EIS, the SPR does not anticipate any reasonably foreseeable future need for additional site development or alternative land use that would be facilitated for environmental planning purposes by a site-wide NEPA review.

Public Participation

The SPR maintains public contacts and regularly solicits input regarding on-site activities through newsletters to the communities, participation in community response organizations and through the interaction of our Environmental Advisory Committee. The SPR uses this feedback to enhance communications for a broader understanding and greater acceptance of site activities and to obtain community input into SPR projects. Local media solicitations and announcements are used as required to obtain public input on new or revised facility operating permits.

Conclusion

Based on the above considerations, we have concluded that a site-wide NEPA review for the SPR would not aid in streamlining the NEPA process, would not add additional value to decision-makers and the public, and would not reduce the time and cost required to prepare NEPA documents. Thus, after a review of the upcoming 3-year maintenance and construction schedule to verify that there are no projects requiring major NEPA documentation, development of a site-wide NEPA review is not planned.

Annual NEPA Planning Summary Status of Ongoing NEPA Compliance Activities:

Environmental Impact Statements

Strategic Petroleum Reserve Project Management Office (SPRPMO) and Office of Petroleum Reserves (OPR)

2/2/2007

*Title, Location	Estimated Cost	Estimated Schedule	Description
Site Selection for Expansion of the Strategic Petroleum Reserve (DOE/EIS-0385) from the SPRPMO and OPR		Determination Date: NOI: Scoping: Oct. to Dec. 2005 Draft 5/19/2006 Hearings June and July 2006 Final 12/8/2006 \$6,487,877 ROD 2/9/2007	Details to be provided directly by the SPR Program Office. Current SPRPMO expenses are estimated to be \$116,590 for the M&O Contractor and \$51,551 for the DOE/SPRPMO in support of the EIS for document reviews, access of historical information, budget module preparation, and attending public and agency scoping meetings. Sandia in support of the EIS, performed geotechnical analysis for all proposed expansion sites; seismic analysis for Clovelly, BC, and Bruinsburg; geomechanical analysis for Clovelly and BC cost \$1.615 million. URS in support of the EIS, developed Conceptual Design Reports for BC, BH & WH expansion cost \$260,820. Expenses are estimated at \$3,693,916 for the Technical Support Services Contractor in conducting the EIS Study and EIS Program Management support. Conceptual Design expenses are estimated to be \$750,000. ROD is expected by early February.
		NOI: Scoping: Draft Hearings Final ROD	
		Determination Date: NOI: Scoping: Draft Hearings Final ROD	
		Determination Date: NOI: Scoping: Draft Hearings Final ROD	
		Determination Date: NOI: Scoping: Draft Hearings Final ROD	
		Total Estimated Cost \$6,487,877.00	

*Please include projected NEPA milestones, if planned

2/2/2007

Annual NEPA Planning Summary (year) Program or Field Organization

1

Annual NEPA Planning Summary Environmental Impact Statements Expected to be Prepared in the Next 24 Months

Strategic Petroleum Reserve Project Management Office (SPRPMO) and Office of Petroleum Reserves (OPR)			
2/2/2007			
*Title, Location	Estimated Cost	Estimated Schedule	Description
No Expected EISs from SPRPMO		Determination Date:	After a review of the 3-years maintenance and construction schedule, there are no projects requiring major NEPA documentation, and as such, the use of a new or supplemental Site-Wide Programmatic EIS is not indicated. The SPR will conduct its required Supplement Analysis (SA) in 2009.
		NOI:	
		Scoping:	
		Draft:	
		Hearings	
		Final	
		ROD	
		Determination Date:	This EIS will be in preparation for the possibility of Expansion of the Reserve to 1.5 Billion Barrels per President Bush's Agenda. This work will include the EIS and related activities to study up to five new sites for an additional 500 million barrels of storage. This estimate only includes labor and ODC's for the EIS, Conceptual Design and Geotechnical work.
		NOI:	TBD
		Scoping:	TBD
		Draft	TBD
		Hearings	TBD
		Final	TBD
		ROD	TBD
	\$10,000,000.00	Determination Date:	
		NOI:	
		Scoping:	
		Draft	
		Hearings	
		Final	
		ROD	
		Determination Date:	
		NOI:	
		Scoping:	
		Draft	
		Hearings	
		Final	
		ROD	
		Supplement Analysis:	
		Determination Date:	
		Approval:	
		Supplement Analysis:	
		Determination Date:	
		Approval:	
	Total Estimated Cost		
	\$10,000,000.00		

Annual NEPA Planning Summary Status of Ongoing NEPA Compliance Activities: Environmental Assessments

Strategic Petroleum Reserve Project Management Office (SPRPMO) and Office of Petroleum Reserves (OPR)					
2/22/2007					
*Title, Location	Estimated Cost	Estimated Schedule Milestones)	(**NEPA	Description	
Installation of 48-inch Raw Water Intake Pipeline at SPR West Hackberry Site from the SPRPMO		Determination Date: Transmittal to State: EA Approval: FONSI:	7/9/2004 3/11/2004 8/31/2004 9/3/2004	DOE/EA-1497 was completed and reported in prior year planning summaries. The project covered by this environmental assessment is currently underway. Activities outlined in the MAP and permits are currently being monitored. Requirements of the MAP and permits for certain pre-construction tasks have been completed. A survey was done of the vegetation to be disturbed and replaced at the end of construction. The bottom of Black Lake was surveyed to develop a base line contour for post construction leveling and backfilling of the pipeline trench to a plus or minus 6 inches from pre-construction contours. Salinity levels are being monitored to prevent saltwater intrusion into freshwater impoundments.	
Modifications to the Raw Water Intake Structure at the SPR West Hackberry Site from SPRPMO	\$158,000	Determination Date: Transmittal to State: EA Approval: FONSI:	1/27/2005 7/12/2005 11/10/2005 11/10/2005	DOE/SPR/EA-1523 was completed and reported in prior year planning summaries. The project covered by this environmental assessment is currently underway. Activities outlined in the project permits are currently being monitored. Requirements of the permit for certain pre-construction tasks have been completed. A survey was done of the vegetation to be disturbed and replaced at the end of construction.	
	\$56,500	Determination Date: Transmittal to State: EA Approval: FONSI:			
		Determination Date: Transmittal to State: EA Approval: FONSI:			
		Determination Date: Transmittal to State: EA Approval: FONSI:			
		Determination Date: Transmittal to State: EA Approval: FONSI:			
		Determination Date: Transmittal to State: EA Approval: FONSI:			
		Total Estimated Cost			
		\$214,500.00			

Annual NEPA Planning Summary Environmental Assessments Expected to be Prepared in the Next 12 Months			
Strategic Petroleum Reserve Project Management Office (SPRPMO) and Office of Petroleum Reserves (OPR)			
2/2/2007			
*Title, Location	Estimated Cost	Estimated Schedule (*NEPA Milestones)	Description
No Expected EAs from the SPRPMO		Determination Date: Transmittal to State: EA Approval: FONS:	After a review of the 3-years maintenance and construction schedule, there are no projects requiring major NEPA documentation such as environmental assessments.
No Expected EAs from the OPR		Determination Date: Transmittal to State: EA Approval: FONS:	
		Determination Date: Transmittal to State: EA Approval: FONS:	
		Determination Date: Transmittal to State: EA Approval: FONS:	
		Determination Date: Transmittal to State: EA Approval: FONS:	
		Determination Date: Transmittal to State: EA Approval: FONS:	
		Total Estimated Cost	\$0.00

Site-Wide NEPA Review
National Energy Technology Laboratory
24-Jan-2007

The National Energy Technology Laboratory (NETL) evaluated the value of performing a site-wide National Environmental Policy Act (NEPA) review (i.e., preparing an environmental impact statement or environmental assessment) for its five sites at Morgantown, WV; Pittsburgh, PA; Tulsa, OK; Fairbanks, AK; and Albany, OR. Based on this evaluation using the criteria identified below, NETL determined that site-wide NEPA analysis for any or all of the NETL sites would not facilitate future NEPA planning or NEPA compliance requirements.

Background

The Federal activities at NETL's Morgantown, Pittsburgh, Tulsa, Anchorage, and Albany sites consist primarily of procurement, project management, analysis, and contract monitoring of off-site research, development, and demonstration projects related to increasing domestic petroleum and natural gas reserves through application of new or advanced technology, natural gas processing, environmental and efficiency improvements for fossil fuel-based electric power generation, production of transportation fuels from coal and natural gas, energy conservation, materials research and development, improving environmental quality, and supporting initiatives for controlling climate change and sequestering carbon dioxide. NETL's Morgantown, Pittsburgh, and Albany sites are locations for on-site research and facilities maintenance activities that support DOE's Fossil Energy program. The on-site research at these three locations represents a small portion (approximately one-tenth) of the total DOE program implemented by NETL. NETL's Tulsa site operates from offices in downtown Tulsa and conducts no on-site research. NETL's Fairbanks site operates from University of Alaska offices.

All projects proposed to NETL for funding are subjected to NEPA review and evaluation prior to final decision and implementation. With only minor exceptions resulting from construction activities, the on-site projects and activities implemented by NETL typically qualify and are appropriate for categorical exclusion under DOE's NEPA Implementing Procedures.

NETL's on-going, on-site operational, research and maintenance activities consist of small projects that vary in type annually but that generally do not vary substantially in size or scale. New projects implemented on an annual basis at NETL historically fall into categories of actions that the Department has determined to be encompassed within classes that do not individually or cumulatively have a significant impact on the environment. For the foreseeable future, this situation is expected to exist. Also, no changes in site character are envisioned in the foreseeable future.

As part of NETL's Environmental Management System (EMS), which is certified under ISO 14001:1996, research and maintenance activities at the Morgantown, Pittsburgh, and Albany sites are scored with respect to environmental aspects and potential impacts. These aspects are used to set environmental performance objectives for the site, which are tracked through

individual Environmental Action Plans. NETL's EMS is audited periodically to ensure on-going conformance with stated objectives and with the ISO standard.

In addition to internal and external audits conducted pursuant to ISO 14001, the combination of all research and maintenance activities at the Morgantown, Pittsburgh and Albany sites is periodically examined as part of either a planning or a performance analysis process. From these evaluations, the collective environmental consequences from activities at each site have been determined to be insignificant, and NETL does not maintain any permanent storage or disposal areas that could potentially become sources of significant impacts.

Efficiency

NETL's on-site research activities, as determined on an annual basis, typically total approximately 50 research projects within specific mission areas assigned to NETL. The types of new activities (approximately 10 - 15) annually performed on-site are covered within Appendixes A and B of 10 CFR Part 1021 and can efficiently be evaluated individually and collectively in the absence of a site-wide review.

Tiering

A site-wide NEPA document would not preclude the need for annual reviews of the scopes and natures of individual research and other site projects. Due to the relatively small scale and number of on-site activities, supplemental reviews of activities comprising actions that typically qualify for categorical exclusion would not result in a less complex analysis.

Segmentation and Cumulative Effects

Research projects at NETL typically consist of distinct experimental activities of a nature determined by the Department to be categorically excluded from environmental assessment or environmental impact statement levels of review. These activities are independently evaluated on an annual basis to ensure that they are stand-alone activities and not segments of larger activities that would trigger a more extensive level of review. In addition, no local off-site environmental stresses or developments of a significant nature result from NETL's on-site research activities. Thus, no conditions exist where cumulative environmental effects or impacts could become a concern.

The Albany site is currently investigating a shallow groundwater contamination issue that resulted from an historic spill of trichloroethylene. This release was reported to the Oregon Department of Environmental Quality, and extensive sampling and characterization has been conducted to date and made available for public review. The situation is stable, and would not benefit from further review under NEPA.

Land Use Planning

Activities at the Pittsburgh site are dispersed geographically within the 239-acre Bruceton Research Center, a Federal research site located approximately 13 miles south of Pittsburgh.

NETL is a tenant at this site, for which the National Institute for Occupational Safety and Health is landlord to both DOE and an office of the Mine Safety and Health Administration. Activities at the Morgantown site are more compact and are conducted in buildings situated on 35 developed acres of a 132-acre DOE site, where DOE is landlord to a facility owned by the U.S. Navy. The Albany site is similarly housed on a small, 42-acre campus where on-site research is conducted in enclosed facilities. The activities at Tulsa and Fairbanks are conducted from an office location in downtown Tulsa and on-campus at the University of Alaska.

The NETL sites at Morgantown, Pittsburgh, and Albany are bordered by residential areas that have substantially developed over the years around the locations of NETL's facilities. Research operations at all three sites are conducted in numerous buildings; although these activities may change in scope on an annual basis, their scales are relatively constant. Thus, the available research structures are such that NETL does not anticipate any reasonably foreseeable future need for additional site development or alternative land use that would be facilitated for environmental planning purposes by a site-wide NEPA review.

Public Participation

NETL maintains public contacts and regularly solicits input regarding on-site activities. Community Interest Groups and neighborhood association meetings are used to obtain feedback on community interests and concerns, and NETL uses this feedback to enhance communications for a broader understanding and greater acceptance of site activities.

Local media solicitations and announcements are used to obtain public input. In addition, NETL periodically supplements the on-going public interactions through open-house meetings where members of the public can observe NETL's operations first-hand and participate in discussions of NETL's activities.

Conclusion

Based on the above considerations, we have concluded that a site-wide NEPA review for the National Energy Technology Laboratory would not aid in streamlining the NEPA process, would not add additional value to decision-makers and the public, and would not reduce the time and cost required to prepare NEPA documents. Thus, development of a site-wide NEPA review is not planned.

Annual NEPA Planning Summary Status of Ongoing NEPA Compliance Activities:

Environmental Impact Statements

National Energy Technology Laboratory 2/22/07					
#	*Title, Location	Estimated Cost	Estimated Schedule	Description	
EIS-0394	Implementation of FutureGen Project; TDB; Contractor: Potomac-Hudson Engineering	\$7,000,000	Determination Date: NOI: Feb-06 ANOI published February 16, 2006(71 FR 8233). NOI (71 FR 42840); Scoping meetings held 8/22/06 in Jewett and 8/24/06 in Odessa, TX; 8/29/06 in Tuscola and 8/31/06 in Mattoon, IL. Preliminary DEIS review was completed January 19, 2007.	Jul-06 Aug-06 Mar-07 Apr-07 Jun-07	Feb-06 ANOI published February 16, 2006(71 FR 8233). NOI (71 FR 42840); Scoping meetings held 8/22/06 in Jewett and 8/24/06 in Odessa, TX; 8/29/06 in Tuscola and 8/31/06 in Mattoon, IL. Preliminary DEIS review was completed January 19, 2007.
EIS-0284	Low Emission Boiler System Proof-of-Concept Project; Elkhart, IL; Contractor: Oak Ridge National Laboratory	400,000	Determination Date: NOI: Aug-07 Scoping: Sep-96 Project withdrawn on January 3, 2007. Draft: Dec-96 Hearings: Jan-97 Final: TBD	Mar-04 TBD	
EIS-0357	Gilberton Coal to Clean Fuels and Power Project; Gilberton, PA; Contractor: Oak Ridge National Laboratory	\$800,000	Determination Date: NOI: Mar-03 Availability of Supplement to the DEIS announced 1/12/07. Scoping: Apr-03 Draft: May-03 Hearings: Dec-05 Final: Jan-06	Mar-04 TBD Mar-04 TBD	Mar-03 Availability of Supplement to the DEIS announced 1/12/07. NOI: Apr-03 Scoping: May-03 Draft: Jun-03 Hearings: Dec-05 Final: Jan-06
EIS-0361	Western Greenbrier Co-Production Demonstration Project; Rainelle; Greenbrier County, WV; Contractor: Potomac-Hudson Engineering	\$746,600	Determination Date: NOI: May-03 150 comments received from public hearing. Scoping: Jun-03 Draft: Jun-03 Hearings: Dec-06 Final: Jan-07	May-03 Jun-03 Dec-06 Jan-07	May-03 150 comments received from public hearing. NOI: May-03 Scoping: Jun-03 Draft: Jun-03 Hearings: Dec-06 Final: Jan-07
EIS-0383	Southern Company CCPI Project; Stanton (Orlando) FL; Contractor: Oak Ridge National Laboratory	\$625,000	Determination Date: NOI: May-05 Scoping: Aug-05 Draft: Aug-05 Hearings: Sep-06 Final: Jan-07	May-05 Aug-05 Aug-05 Sep-06 Jan-07	May-05 Aug-05 Aug-05 Sep-06 Jan-07
EIS-0382	Mesaba Energy Project; Itasca County, MN Contractor: Potomac-Hudson Engineering	\$569,690	Determination Date: NOI: Mar-07 Scoping: Jun-07 Draft: Jul-07 Hearings: Aug-07 Final: Sep-07	Mar-07 Mar-07 Jul-07 Aug-07 Sep-07	Mar-07 Mar-07 Jun-07 Jul-07 Aug-07
EIS-0366	Programmatic Environmental Impact Statement for Implementing the Office of Fossil Energy's Carbon Sequestration Program; Contractor: Potomac-Hudson Engineering	858,000	Determination Date: NOI: Oct-03 NOI (69 FR 21514). Eight scoping meetings were held between 5/6 - 6/10/04 in Alexandria, VA; Columbus, OH; Chicago, IL; Houston, TX; Sacramento, CA; Atlanta, GA; Bozeman, MT; and Grand Forks, ND. Preliminary DEIS is undergoing internal review.	Oct-03 Oct-05 Apr-07 May-07 Sep-07 Nov-07	Oct-03 NOI (69 FR 21514). Eight scoping meetings were held between 5/6 - 6/10/04 in Alexandria, VA; Columbus, OH; Chicago, IL; Houston, TX; Sacramento, CA; Atlanta, GA; Bozeman, MT; and Grand Forks, ND. Preliminary DEIS is undergoing internal review.
Total EIS		Total Estimated Cost			
7		\$11,029,250.00			

*Please include projected NEPA milestones, if planned

Annual NEPA Planning Summary Environmental Impact Statements Expected to be Prepared in the Next 24 Months

National Energy Technology Laboratory			
02/02/07			
*Title, Location	Estimated Cost	Estimated Schedule (**NEPA Milestones)	Description
No EIISs are planned at this date.		Determination Date: NOI: Scoping: Draft Hearings Final ROD	
		Supplement Analysis: Determination Date: Approval:	
		Supplement Analysis: Determination Date: Approval:	
		Total Estimated Cost \$0.00	

*Please include projected NEPA milestones, if planned

2/2/2007
1

Annual NEPA Planning Summary Status of Ongoing NEPA Compliance Activities: Environmental Assessment

National Energy Technology Laboratory					
02/02/07					
*Title, Location	Estimated Cost	Estimated Schedule Milestones)	(**NEPA	Description	
LNG from Coal Mine Methane for Industrial and Transportation Applications Federal Number 2 Mine Parrish Shaft Site Monongalia County, WV: Contractor: RDS,LLC	\$34,000	Determination Date: Jun-05 Transmittal to State: Dec-05 EA Approval: Feb-06 FONSI: Mar-06	NEPA compliance activities completed.		
Peabody Energy Airborne Process Commercial-Scale Demonstration Program (Mustang Energy Flue Gas Cleanup). Grants, New Mexico Contractor: Oak Ridge National Laboratory	\$175,000	Determination Date: Jun-05 Transmittal to State: TBD EA Approval: TBD FONSI: TBD	Project was officially withdrawn after bi-lateral negotiations between DOE and Peabody Energy on June 13, 2006.		
		Determination Date: Transmittal to State: EA Approval: FONSI:			
		Determination Date: Transmittal to State: EA Approval: FONSI:			
		Determination Date: Transmittal to State: EA Approval: FONSI:			
		Determination Date: Transmittal to State: EA Approval: FONSI:			
		Determination Date: Transmittal to State: EA Approval: FONSI:			
		Determination Date: Transmittal to State: EA Approval: FONSI:			
		Total Estimated Cost	\$209,000.00		

*Please include projected NEPA milestones, if planned

2/2/2007 1

Annual NEPA Planning Summary Environmental Assessments Expected to be Prepared in the Next 12 Months

National Energy Technology Laboratory

02/02/07

*Title, Location	Estimated Cost	Estimated Schedule (**NEPA Milestones)	Description
No EAs planned at this date.			Determination Date: Transmittal to State: EA Approval: FONSI:
			Determination Date: Transmittal to State: EA Approval: FONSI:
			Determination Date: Transmittal to State: EA Approval: FONSI:
			Determination Date: Transmittal to State: EA Approval: FONSI:
			Determination Date: Transmittal to State: EA Approval: FONSI:
			Determination Date: Transmittal to State: EA Approval: FONSI:
			Determination Date: Transmittal to State: EA Approval: FONSI:
			Determination Date: Transmittal to State: EA Approval: FONSI:
			Determination Date: Transmittal to State: EA Approval: FONSI:
			Total Estimated Cost
			\$0.00

* Please include projected NEPA milestones, if planned.

2/2/2007

1

Annual NEPA Planning Summary(year) Program or Field Organization Name

14

Annual NEPA Planning Summary Environmental Assessments Expected to be Prepared in the Next 12 Months

Rocky Mountain Oil Field Testing Center, FER/MOTC, DOE EA# - DOE/EA 1583

*Title, Location	Estimated Cost	Estimated Schedule (**NEPA Milestones)	Description
Rocky Mountain Oilfield Testing Center and Naval Petroleum Reserve Number 3 Site-wide Environmental Assessment (RMOTC/NPR-3 SWEA) Midwest, WY	\$150,000	Determination Date: Transmittal to State: EA Approval: FONSI:	12/15/2006 4/30/2007 6/30/2007 7/15/2007 The Department of Energy is currently preparing a Site Wide Environmental Assessment for actions to continue over the next (5) five years at the Rocky Mountain Oilfield Testing Center (RMOTC) at the Naval Petroleum Reserve No. 3 (NPR-3) (see below for detail).

An increase is anticipated in the use of the oilfield facilities to support government and private industry testing and evaluations of oilfield technologies. In parallel with these activities has been a continued effort toward restoration of the field. These activities include reclamation and restoration of wells and surface facilities, batteries and associated electrical distribution systems. All projects proposed to RMOTC are subject to NEPA review and evaluation prior to final decision and implementation. A representative sample of testing and demonstration projects to be included within the scope of the site wide EA is as follows:

1. Complex Well Test Facility - to develop, test and evaluate "fit for purpose" equipment, fluids, and processes for performance in high angle wells and verification of drilling methods.
2. Wind Turbine Pilot Project - the primary economic driver for oil production is the cost of electricity required to pump oil from the ground. RMOTC's mission is to demonstrate state of the art technologies for extending the life of mature oil fields. NPR3, RMOTC proposes to install up to two 1.5 MW wind power generators and integrate this energy source into the NPR-3 production.
3. Tensleep Formation EOR Project - testing the viability and effectiveness of gravity stable CO₂ injection for enhanced oil recovery in the fractured Tensleep reservoir of section 10 of NPR3.
4. Biotreatment Facility Upgrade Project - upgrading the existing biotreatment facility which is used to treat produced waters from oil and gas production at NPR-3. The primary functions of the biotreatment facility consist of oil-water separation, cooling, blending and biological treatment of produced waters.
5. NPR-3 Gas Compression Plant Evaluation - evaluating the mechanical integrity of the Gas Plant, updating the technical information, evaluating the efficiency and profitability of the facility and exploring options for reducing operating costs and reducing risk.
6. Gas Flow Loop - completing the construction and operating the Gas Flow Loop facility to test flow assurance problems associated with deepwater environment by mimicking those problems in more test-friendly on-shore facilities.

RMOTC is committed to distinguishing and identifying the range, or scope, of potentially significant environmental impacts on the facility and scoping a wide range of potential environmental issues to identify which are relevant and most important to the planning or decision-making process. RMOTC will maintain public contacts and will solicit input regarding on-site activities. Community Interest Groups and neighborhood associations meetings are used to obtain feedback on community interest and concerns, and RMOTC will use this feedback to enhance communication for broader understanding and greater acceptance of site activities. Local Media solicitation and announcements will be used to obtain public input.

2/2/2007
1

* Please include projected NEPA milestones, if planned.

Annual NEPA Planning Summary(year) Program or Field Organization Name

15